

HC-STA-A16PT-BWSC-HS-M25-ELCAL - Connector set

1424464
<https://www.phoenixcontact.com/us/products/1424464>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Connector set, number of positions: 16, connection method: Push-in connection, connection cross section: AWG 26- 14

Commercial data

Item number	1424464
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF63
Product key	BF7AFX
GTIN	4055626372938
Weight per piece (including packing)	475.5 g
Weight per piece (excluding packing)	22.22 g
Customs tariff number	85366990
Country of origin	CN

HC-STA-A16PT-BWSC-HS-M25-ELCAL - Connector set



1424464

<https://www.phoenixcontact.com/us/products/1424464>

Set consists of

HC-A16-I-PT-M - Contact insert

1585375

<https://www.phoenixcontact.com/us/products/1585375>



Contact insert, number of positions: 16+PE, size: D25, number of connections per position: 1, Pin, Push-in connection, 250 V, 16 A, 0.14 mm² ... 2.5 mm²

HC-A16-I-PT-F - Contact insert

1585388

<https://www.phoenixcontact.com/us/products/1585388>



Contact insert, number of positions: 16+PE, size: D25, number of connections per position: 1, Socket, Push-in connection, 250 V, 16 A, 0.14 mm² ... 2.5 mm²

HC-STA-A16PT-BWSC-HS-M25-ELCAL - Connector set



1424464

<https://www.phoenixcontact.com/us/products/1424464>

HC-STA-D25-BWSC-EL-AL - Housing

1424390

<https://www.phoenixcontact.com/us/products/1424390>



Panel mounting base D25, with single locking latch, material: Die-cast aluminum, salt water resistant, protective cover material: PC, height: 26 mm, cable gland: none, protective cover: yes, Standard

HC-STA-D25-HHFS-1STM25-ELC-AL - Housing

1424377

<https://www.phoenixcontact.com/us/products/1424377>



Sleeve housing D25, for single locking latch, material: Die-cast aluminum, salt water resistant, cable outlets: 1, lateral, 1x M25, height: 72 mm, cable gland: none, Standard

HC-STA-A16PT-BWSC-HS-M25-ELCAL - Connector set



1424464

<https://www.phoenixcontact.com/us/products/1424464>

G-INS-M25-M68N-NNES-S - Cable gland

1411165

<https://www.phoenixcontact.com/us/products/1411165>



Cable gland, material for screw connection: Brass, nickel-plated, application: Standard, external cable diameter 11 mm ... 17 mm, shielding: no, connecting thread: M25 x 1.5, color: silver, with O-ring

HC-STA-A16PT-BWSC-HS-M25-ELCAL - Connector set



1424464

<https://www.phoenixcontact.com/us/products/1424464>

Technical data

Product properties

Product type	Connector set
Housing type	Complete housing
Application	Standard
Type	D25
Number of positions	16
No. of cable outlets	1
Protective cover	yes

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated voltage (III/3)	250 V
Rated surge voltage	4 kV
Rated current	16 A

Connection data

Connection method	Push-in connection
Connection technology	Push-in connection
Conductor cross section	0.14 mm ² ... 2.5 mm ² (applies to stranded conductors with ferrules) 0.14 mm ² ... 2.5 mm ² (applies to stranded conductors with ferrules)
Connection cross section AWG	26 ... 14

Dimensions

Installation dimensions

Width of the assembly cutout	24 mm
Length of the assembly cutout	74 mm

Material specifications

Material Housing	Die-cast aluminum, saltwater-resistant
Flammability rating according to UL 94	V0
Contact material	Copper alloy
Contact surface material	Ag
Contact carrier material	PC
Locking latch material	PA

Cable/line

External cable diameter	11 mm ... 17 mm
-------------------------	-----------------

HC-STA-A16PT-BWSC-HS-M25-ELCAL - Connector set



1424464

<https://www.phoenixcontact.com/us/products/1424464>

	14 mm ... 17 mm (for UL 514 B)
--	--------------------------------

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP66
	IP67
Impact strength	IK08
Ambient temperature (operation)	-40 °C ... 100 °C

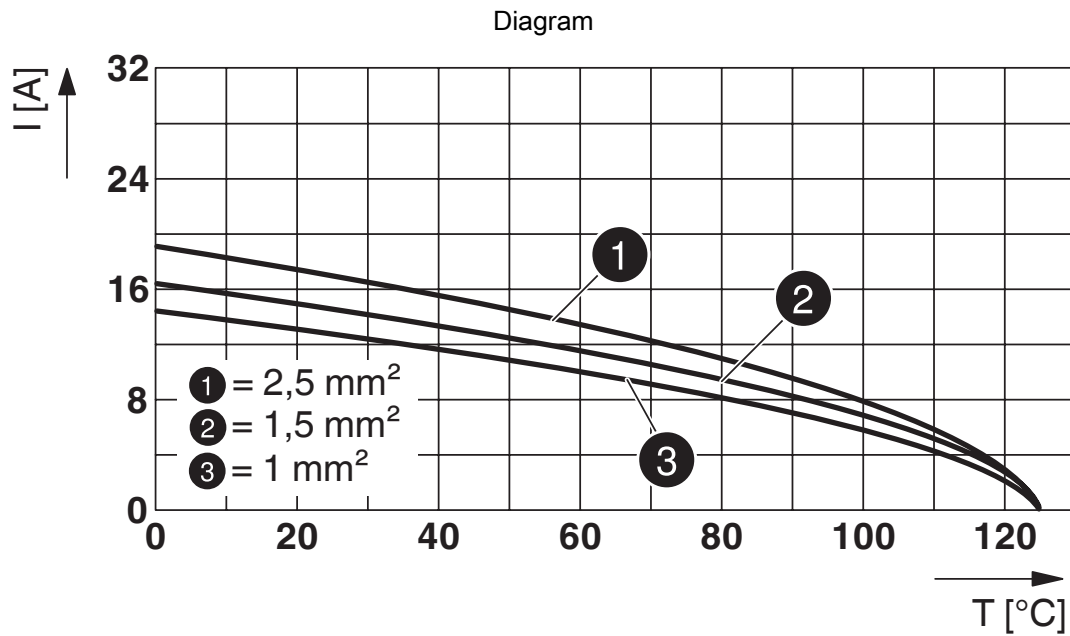
HC-STA-A16PT-BWSC-HS-M25-ELCAL - Connector set



1424464

<https://www.phoenixcontact.com/us/products/1424464>

Drawings



Derating diagram

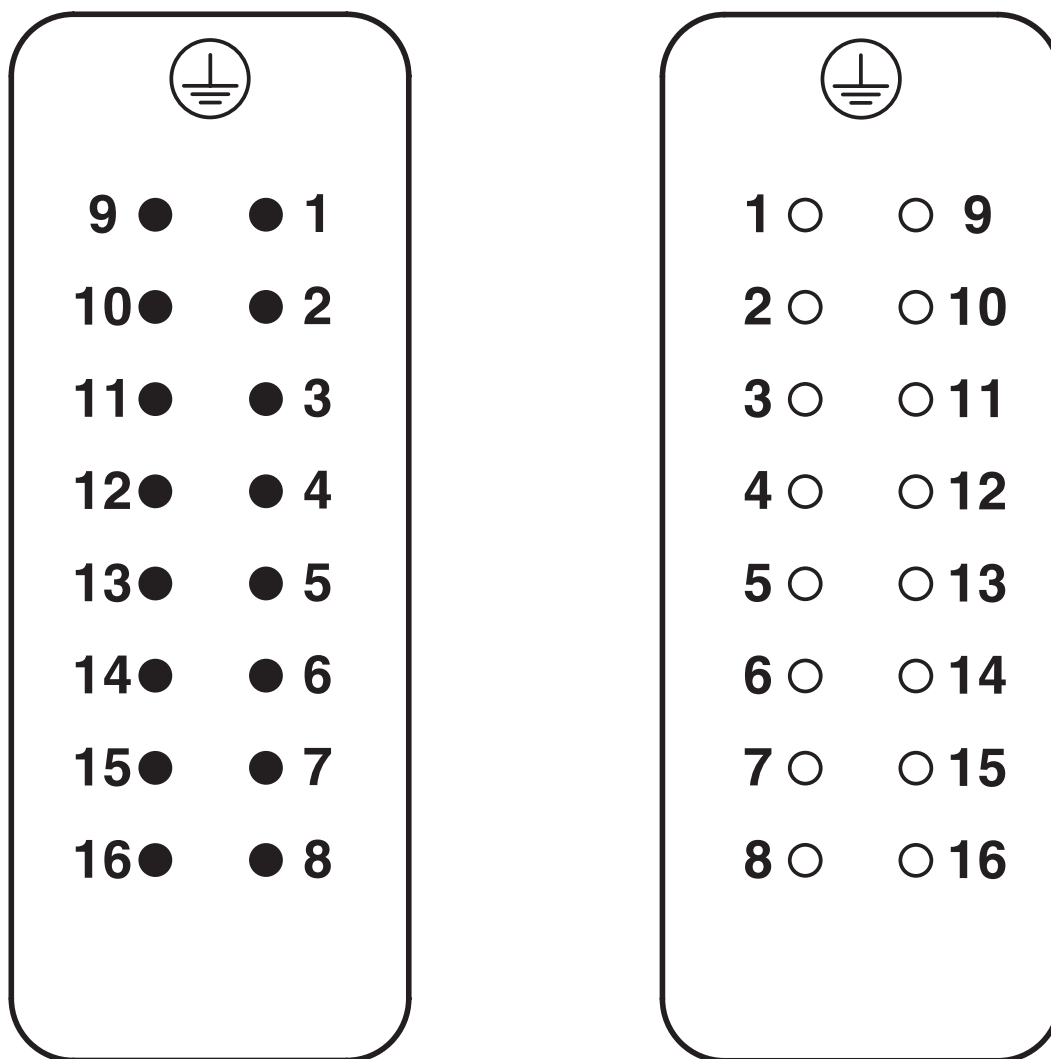
HC-STA-A16PT-BWSC-HS-M25-ELCAL - Connector set



1424464

<https://www.phoenixcontact.com/us/products/1424464>

Schematic diagram



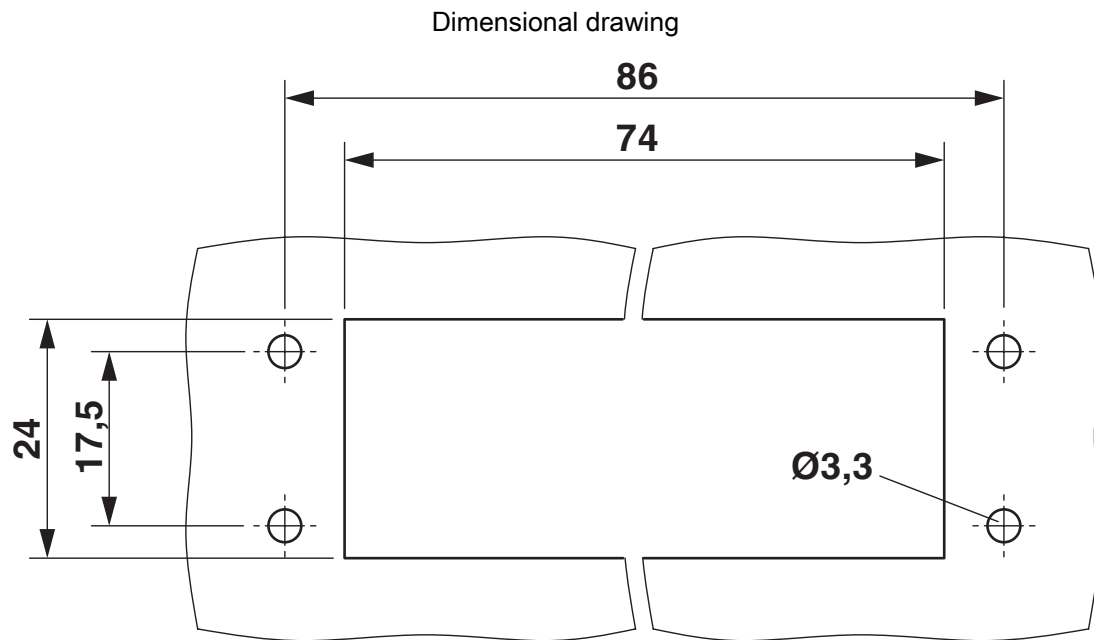
Pin assignment, connection side, pin left, socket right

HC-STA-A16PT-BWSC-HS-M25-ELCAL - Connector set



1424464

<https://www.phoenixcontact.com/us/products/1424464>



Mounting cutout

HC-STA-A16PT-BWSC-HS-M25-ELCAL - Connector set



1424464

<https://www.phoenixcontact.com/us/products/1424464>

Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1424464>

DNV

Approval ID: TAE000037S

HC-STA-A16PT-BWSC-HS-M25-ELCAL - Connector set



1424464

<https://www.phoenixcontact.com/us/products/1424464>

Classifications

ECLASS

ECLASS-11.0	27440101
ECLASS-12.0	27440113
ECLASS-13.0	27440113

ETIM

ETIM 9.0	EC002636
----------	----------

UNSPSC

UNSPSC 21.0	39121400
-------------	----------

HC-STA-A16PT-BWSC-HS-M25-ELCAL - Connector set



1424464

<https://www.phoenixcontact.com/us/products/1424464>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	99c0bef1-207a-4a59-8a8e-cdcc71817d07

Phoenix Contact 2025 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com